Amendments to the Claims:

A listing of the entire set of pending claims (including amendments to the claims, if any) is submitted herewith per 37 CFR 1.121. This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims

1. (Currently Amended) Display device, comprising an imaging layer with a plurality of picture elements and a lens layer comprising a plurality of lens elements for projecting light from different picture elements in the imaging layer to the left and right eyes of a user in order to provide an autostereoscopic effect, wherein each lens element comprises at least one lens cell which defines a closed space, having a front wall, facing the user, a back wall facing the imaging layer and side walls, connecting the back and front walls, wherein the side walls of each lens cell comprise at least a first and a second -individually controllable electrode, the closed space being filled with first and second immiscible fluids having different refractive indices, each cell comprising means for varying the [[convexity]] radius of curvature and/or tilt of the interface between the first and second fluids, the first and second fluids serving to refract incident light such that the lens cell functions as a positive lens having a spherical shape via controllable contact angles with the side walls of the lens cell by varying said first and second individually controllable electrodes voltage potentials on said side wall electrodes, ~~wherein the side walls of each lens cell comprise at least a first and a second individually controllable electrode,~~ the display device comprises a tracking device for determining the position of a users head, and controlling means for controlling potentials of said first and second electrodes based on said position.

2. (Previously Presented) The display device according to claim 1, wherein each lens element is elongated and covers a linear segment of the imaging layer from top to bottom.

3. (Previously Presented) The display device according to claim 2, wherein each lens element -comprises a single lens cell.

4. (Previously Presented) The display device according to claim 2, wherein each lens element comprises a plurality of lens cells.

5. (Previously Presented) The display device according to claim 4, wherein said lens cells are individually controllable.

6. (Previously Presented) The display device according to claim 1, comprising selecting means for switching the display device into a 2D-mode such that the controlling means for controlling potentials of said first and second electrode the interface between the first and second fluids to be substantially flat.

7. (Previously Presented) The display device according to claim 1, wherein the first fluid is an electrically conducting fluid, and wherein the second fluid is an electrically non conducting fluid~~, such as an oil~~, and wherein the inner front and side walls are covered with an hydrophobic layer.

8. (Previously Presented) The display device according to claim 1, wherein the tracking device comprises a video camera.

9. (Currently Amended) A method for displaying an image with an autostereoscopic effect, comprising

using a display device, comprising an imaging layer with a plurality of picture elements and a lens layer comprising a plurality of lens elements for projecting light from different picture elements in the imaging layer to the left and right eyes of a user, wherein each lens element comprises at least one lens cell which defines a closed space, having a front wall, facing the user, a back wall facing the imaging layer and side walls, connecting the back and front walls, wherein the side walls of each cell comprise at least a first and a second individually controllable electrode, the closed space being filled with first and second immiscible fluids having different refractive indices, each cell comprising means for varying the [[convexity]] radius of curvature and/or tilt of the interface between the first and second fluids, the first and second fluids serving to refract incident light such that the lens cell functions as a positive lens having a spherical shape via controllable contact angles with the side walls of the lens cell by varying said first and second individually controllable electrodes voltage potentials on said side wall electrodes, ~~wherein the side walls of each cell comprise at least a first and a second individually controllable electrode,~~

determining the position of a users head using a tracking device,

and controlling potentials of said first and second electrodes based on said determined head position.

10. (Previously Presented) The display device according to claim 7, wherein the first fluid is an aqueous salt solution.

11. (Previously Presented) The display device according to claim 7, wherein the second fluid is an oil.